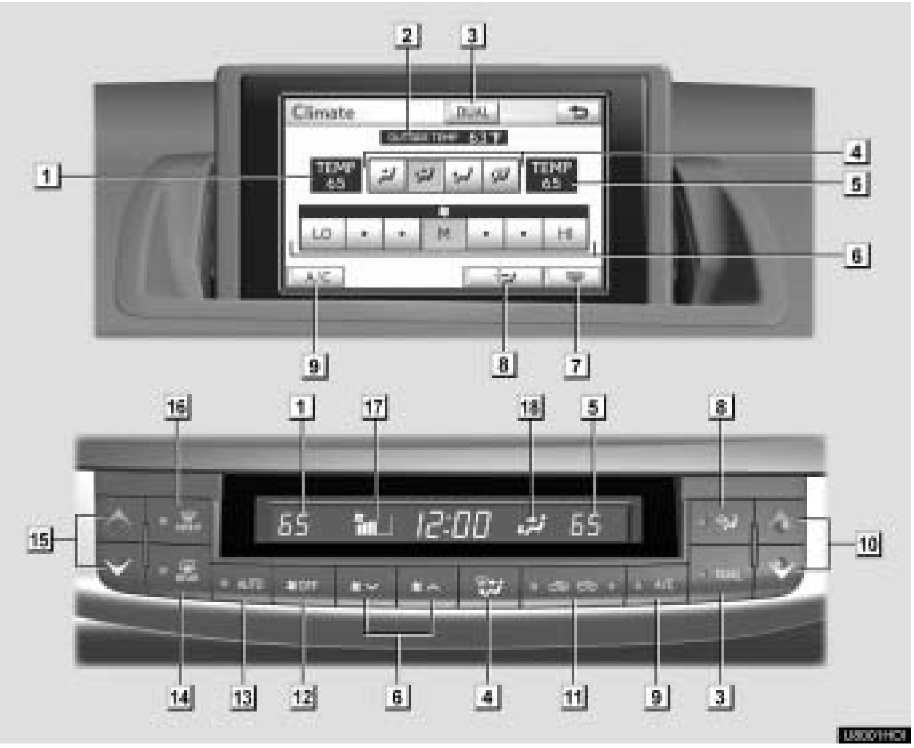
## SECTION 8

# AIR CONDITIONING

## Air conditioning

## Automatic air conditioning controls

Operations such as changing the air outlets or fan speed are carried out on the screen. To display the air conditioning control screen, push the **"MENU"** button on the Remote Touch and select **"Climate"**.




1 **Driver's side temperature display** (In degrees Fahrenheit or Centigrade)

2 **Outside temperature display** (In degrees Fahrenheit or Centigrade) . . . . . . . . . . . . . . . . . . . . 295

3 **"DUAL"** (Temperature setting mode change button) . . . . . . . . . . . . . . . . 286, 288

4 **Air flow control buttons** . . . . 288

5 **Passenger's side temperature display** (In degrees Fahrenheit or Centigrade)

6 **Fan speed control buttons** . . . . . . . . . . . . . . . . . . . . . . . . . . . 287

7 **Windshield wiper de−icer button** . . . . . . . . . . . . . . . . . . . . . . . . . . . 293

8 **Micro dust and pollen filter button** . . . . . . . . . . . . . . . . . . . . . . . . . . . 294

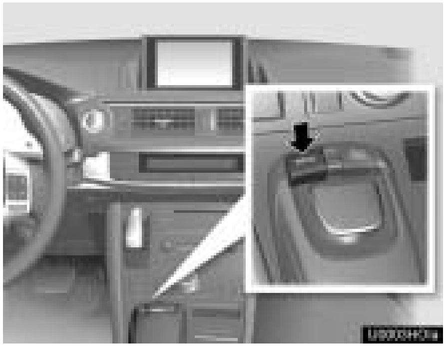
9 **"A/C"** . . . . . . . . . . . . . . . . . . . . . 291

10 **Passenger's side temperature control buttons** (Only for the independent mode that display shows **"DUAL"**; mainly for front passenger and secondarily for driver) . . . . . . . . . . . . . . . . . 286, 288

**(a) Climate control**

**Air outlets and fan speed are automatically adjusted according to the temperature setting.**

The “POWER” switch must be in ON mode.



**1. Push the “MENU” button on the Remote Touch.**




**2. Select “Climate” to display the air conditioning control screen.**

**NOTICE**

***To prevent the 12−volt battery discharge, do not leave the air conditioning system on longer than necessary when the hybrid system is not operating.***

**INFORMATION**

- ***During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.***
- ***To reduce potential odors from occurring:***
  - ***It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.***
  - ***The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic operation mode.***



**By pushing the switch above, you can operate the voice command system.**

For the operation of the voice command system and the command, see pages 51 and 56.

**(b) Using automatic air conditioning system**

- **Switching to automatic operation mode**

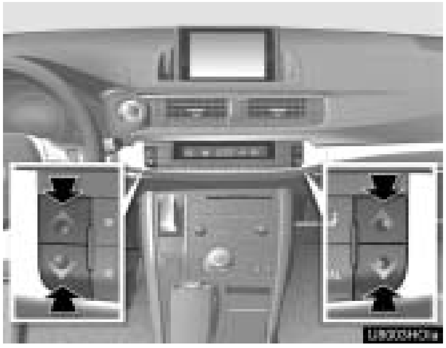


**Push the "AUTO" button.**

The air conditioning system begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

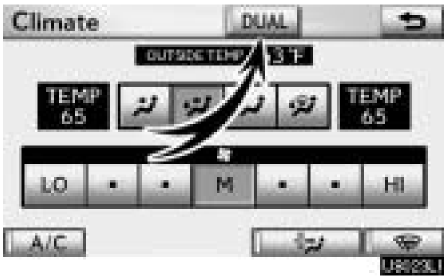
Push the **"OFF"** button to turn the air conditioning system off.

- **Setting the vehicle interior temperature**



**Push the "∧" to increase the temperature and "∨" to decrease the temperature on temperature control buttons.**





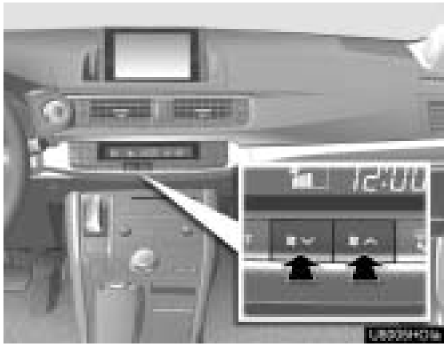

**"DUAL"** is used to set the temperatures independently for the driver's seat and front passenger seat.

When the **"DUAL"** indicator is on, the temperature for the driver's seat and front passenger seat can be adjusted separately.

**(c) Adjusting the settings manually**

- **Setting the fan speed**

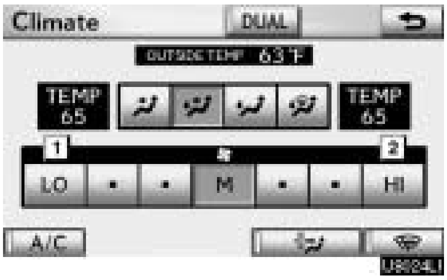
**Using the instrument panel —**



**To turn on the air conditioning system and adjust the fan speed, push the "∧" to increase the fan speed and push the "∨" to decrease the fan speed on fan speed control buttons.**

Push **"OFF"** button to turn the air conditioning system off.

**Using the screen —**

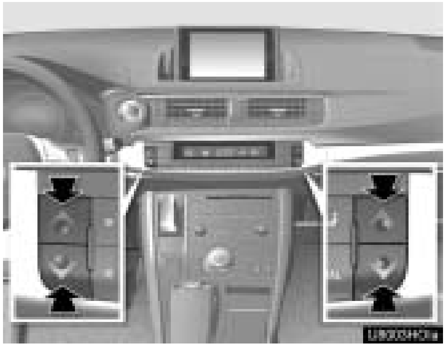



1 **Fan speed at low**

2 **Fan speed at high**

The fan speed can be set to your desired speed by selecting the appropriate fan speed control.
Push **"OFF"** button to turn the air conditioning system off.

- **Setting the vehicle interior temperature**

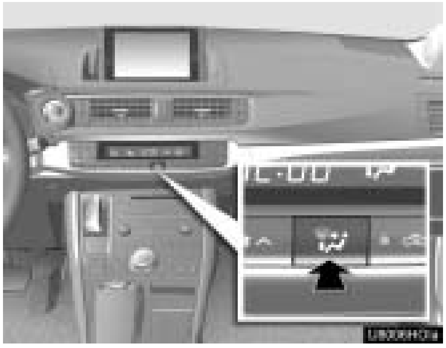


**To adjust the temperature setting, push the "∧" to increase the temperature and push the "∨" to decrease the temperature on temperature control buttons.**

When the **"DUAL"** indicator is on, the temperature for the driver's seat and front passenger seat can be adjusted separately.

- **Changing the air outlets**

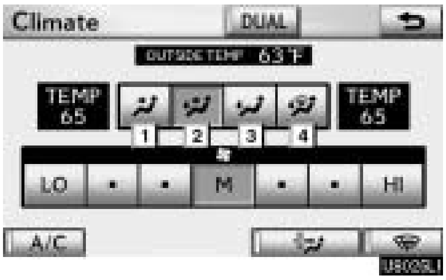
**Using the instrument panel —**



**To change the air outlets, push the air flow control button.**

The air outlets used are switched each time the button is pushed.

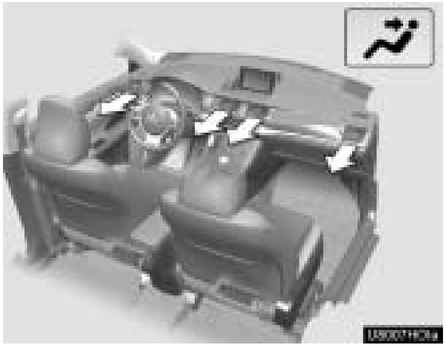
**Using the screen —**



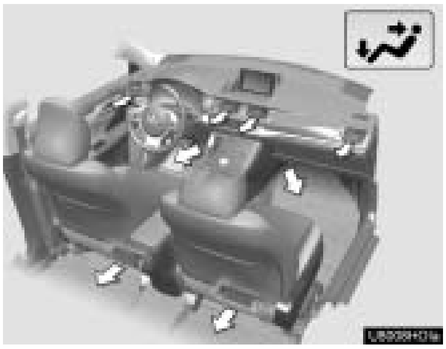

1 **Panel**
2 **Bi–level**
3 **Floor**
4 **Floor/windshield**

The outlets from which air is delivered can be selected manually by selecting the screen button.

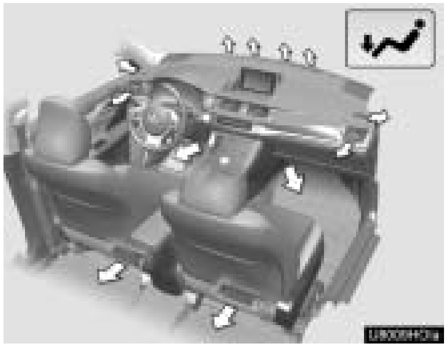
The air flow shown on the display indicates the following.



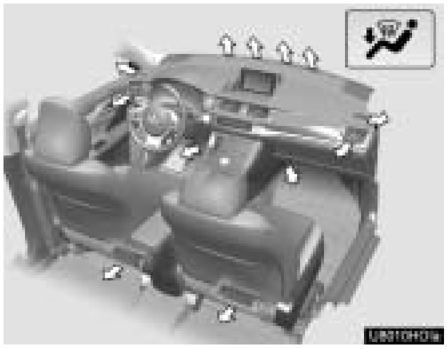
**▶ Air flows to the upper body (Panel)**



**▶ Air flows to the upper body and feet (Bi−level)**



**▶ Air flows to the feet (Floor)**



**▶ Air flows to the feet and the windshield defogger operates (Floor/windshield)**

● **Switching between outside air and recirculated air modes**




Each time you push the air intake control button, the mode changes in order from the recirculated air mode to outside air mode, then back to the recirculated air mode. Each indicator light shows which mode is now selected.

1 **Recirculated air mode**

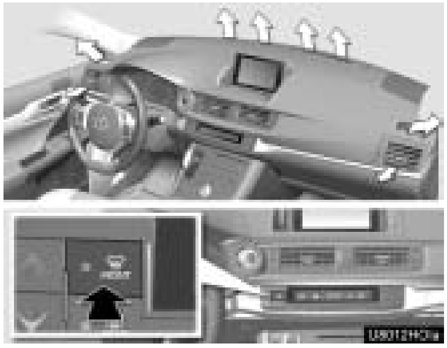
If quick circulation of cooled air is desired, select this mode.

2 **Outside air mode**

The system will take fresh outside air into the vehicle.

For normal use, it is the best to keep the air intake control button set to outside air mode. If recirculated air is used during heating, the windows will fog up more easily.

**(d) Defogging the windshield**



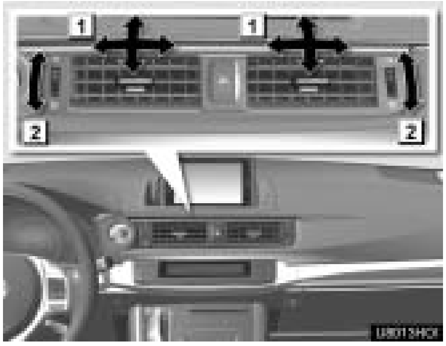
The air conditioning system operates automatically.

Recirculated air mode will automatically switch to outside air mode. It is not possible to return to recirculated air mode when the switch is on.

**CAUTION**

**To prevent the windshield from fogging up, do not use the windshield air flow button during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.**

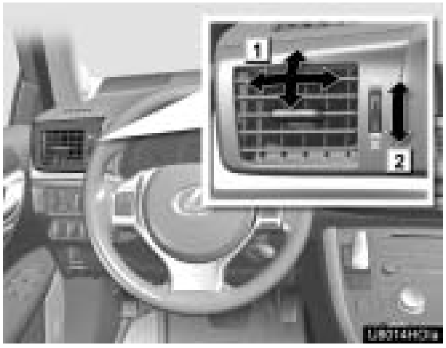
**(e) Adjusting the position of and opening and closing the air outlets**



▶ **Front center outlets**

**1** **Direct air flow to the left or right, up or down**

**2** **Turn the knob to open or close the vent**



▶ **Front side outlets**

**1** **Direct air flow to the left or right, up or down**

**2** **Turn the knob to open or close the vent**

## *INFORMATION*

- ***Operation of the air conditioning system in Eco drive mode***

  *In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:*

  - *Engine speed and compressor operation controlled to restrict heating/cooling capacity*
  - *Fan speed restricted when automatic mode is selected*

  *To improve air conditioning performance, perform the following operations:*

  - *Adjust the fan speed*
  - *Turn off Eco drive mode*
  - *Customizable Eco drive mode functions*

    *The air conditioning control restriction of Eco drive mode can be changed to the same setting as that used in normal drive mode. For details, refer to the "Owner's Manual".*

    *Changing the air conditioning restriction will slightly reduce the Eco drive mode's fuel efficiency when compared to before the change was made.*

- ***Registering air conditioning settings to electronic keys***
  - ***Unlocking the vehicle using an electronic key and turning the "POWER" switch to ON mode will recall that key's registered air conditioning settings.***
  - ***When the "POWER" switch is turned off, the current air conditioning settings will automatically be registered to the electronic key that was used to unlock the vehicle.***

    ***The system may not operate correctly if more than one electronic key is in the vicinity or if the smart access system with push–button start is used to unlock a passenger door.***

    ***Settings for the electronic key and the corresponding door can be changed. Contact your Lexus dealer.***
- ***Using automatic mode***

  ***Fan speed is adjusted automatically according to the temperature setting and ambient conditions. As a result, the following may occur:***
  - ***Immediately after the button is pushed, the fan may stop for a while until warm or cool air is ready to flow.***
- ***Using the system in recirculated air mode***

  ***The windows will fog up more easily if recirculated air mode is used for an extended period.***
- ***Switching between outside air and recirculated air modes***

  ***Recirculated air mode or outside air mode may be automatically switched to in accordance with the temperature setting and the inside temperature.***
- ***Window defogger feature***

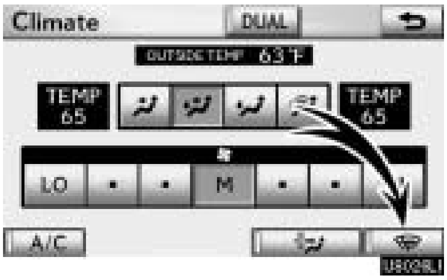
  ***Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.***
- ***When outside air temperature is below 32°F (0°C)***

  ***The cooling and dehumidification function may not operate even when "A/C" is on.***

### (f) Windshield wiper de–icer (if equipped)

This feature is used to prevent ice from building up on the windshield and wiper blades.

The windshield wiper de–icer can be operated when the "POWER" switch is in ON mode.




**Turns the windshield wiper de–icer on/off.**

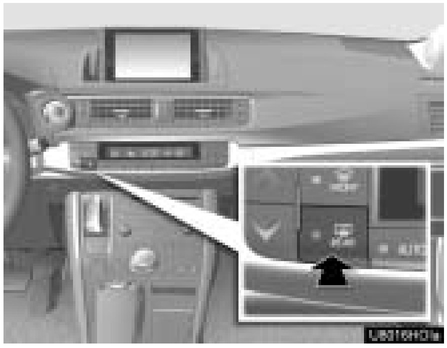
The windshield wiper de–icer will automatically turn off after approximately 15 minutes.

**⚠ CAUTION**

**When the windshield wiper de–icer is on**

**Do not touch the lower part of the windshield or the side of the front pillars, as the surfaces can become very hot and burn you.**

### (g) Rear window and outside rear view mirror defogging




**To turn the electric rear window and outside rear view mirror defogger on, push the button above.**

The "POWER" switch must be in ON mode.

The thin heater wires on the inside of the rear window and the heater panels in the outside rear view mirrors will quickly clear the surface.

Keep your hands off the mirror faces when the system is on.

The indicator light is on when the defogger is operating.

**⚠ CAUTION**

**When the outside rear view mirror defoggers are on, do not touch the outside surface of the rear view mirror as it can become very hot and burn you.**

The defoggers will automatically turn off after 15 minutes.

If further defrosting or defogging is desired, simply actuate the switch again. When the surface has cleared, push the button once again to turn the defogger off. Continuous use may cause the 12−volt battery to discharge, especially during stop−and−go driving. The defogger is not designed to dry rain water or to melt snow.

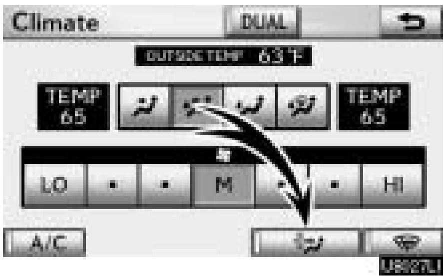
If the outside rear view mirrors are heavily coated with ice, use a spray de−icer before operating the system.

## NOTICE

- ***When cleaning the inside of the rear window, be careful not to scratch or damage the heater wires or connectors.***
- ***To prevent the12−volt battery from being discharged, turn the switch off when the hybrid system is not operating.***

**(h) Micro dust and pollen filter**






**Select the micro dust and pollen filter button.**

Outside air mode switches to recirculated air mode. Pollen is removed from the air flows to the upper part of the body.

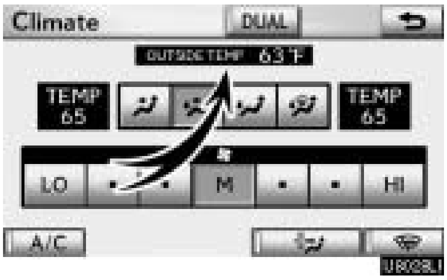
Usually the system will turn off automatically after approximately 3 minutes.

To stop the operation, select the micro dust and pollen filter button again.

## INFORMATION

- ***In order to prevent the window from fogging up when the outside air is cold, the followingmayoccur:***
  - ***Outside air mode does not switch to recirculated air mode.***
  - ***The air conditioning system operates automatically.***
  - ***The operation cancels after 1 minute.***
- ***In rainy weather, the windows may fog up. Push the windshield air flow button.***

**(i) Outside temperature display**




**Outside temperature is displayed on the screen.**

The displayed temperature ranges from −40°F (−40°C) up to 122°F (50°C).

If the temperature shows "– –" or "E", take your vehicle to your Lexus dealer.

In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change.

- When stopped, or driving at low speeds (less than 15.5 mph [25 km/h])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)